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10/13/06

**RESPONSE TO RESTRICTION
REQUIREMENT**

Address to:
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Attorney Docket
Confirmation No.

10020503-2

3028

First Named Inventor

Yakhini

Application Number

10/817,244

Filing Date

04/03/2004

Group Art Unit

1631

Examiner Name

Negin, Russell Scott

Title

Visualizing Expression Data on
Chromosome Graphic Schemes

Sir:

This is in response to the Restriction Requirement dated September 13, 2006 for which a one-month period for response was given making this response due on or before October 13, 2006.

THE RESTRICTION REQUIREMENT

In the Official Action dated September 13, 2006, the Examiner required restriction to one of the following inventions that the Examiner identified:

Group I: Claims 1-56, drawn to a method for overlaying gene- or protein- related data on chromosome maps;

Group II: Claims 57-68, drawn to a method of overlaying gene-related data on chromosome maps with a step of reordering the rows of heat maps; and

Group III: Claims 69-79 drawn to a system for displaying visualizations of gene-related data on chromosome graphical schemes.

The Examiner required an election of one of the above groups, in order to be responsive to the restriction requirement. If Group I is elected, the Examiner further required an election from one of the members of the group listed in claim 24 as a species election. This requirement is not understood.

Claim 24 is drafted as a Markush style claim. M.P.E.P. 803.02 states that if the members of the Markush group are sufficiently few in number or so closely related that a search and examination of the entire claim can be made without serious burden, the examiner must examine all the members of the

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